

CLAIMS

1. A display device arrangement (1) comprising:
a display device (10) comprising a component being degradable upon
5 exposure to an environmental factor; and
a container (100, 200) for storing the display device (10), the container
(100, 200) comprising protective means (120, 220, 320, 420) for reducing the
exposure of the component to the environmental factor.
- 10 2. A display device arrangement (1) as claimed in claim 1, wherein the
protective means comprise a light shielding material, the light shielding
material covering at least a substantial part of the container (100).
3. A display device arrangement (1) as claimed in claim 1 or 2, wherein
15 the protective means further comprise an inert gas.
4. A display device arrangement (1) as claimed in claim 1, 2 or 3, wherein
the protective means further comprise a getter material (120, 220, 320, 420).
- 20 5. A display device arrangement (1) as claimed in claim 4, wherein:
the container (200) is arranged to store the display device (10) during
an inactive period of the display device (10); and
the container (200) comprises an opening for at least partially exposing
the display device (10) during an active period of the display device (10).
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6. A display device arrangement (1) as claimed in claim 5, wherein the
display device (10) is flexible, and the container (200) is arranged to store the
display device (10) in a flexed state.
- 30 7. A display device arrangement (1) as claimed in claim 5 or 6, wherein:
the display device arrangement (1) comprises a lid (230) for closing the
opening of the container (200);

the container comprising a chamber (240) comprising the getter material (220), the chamber (240) comprising a further lid (242); and means (244) for closing the further lid (242) responsive to removing the lid (230) from the opening.

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8. A display device arrangement (1) as claimed in claim 6, wherein the getter material is integrated on a flexible foil (320), the flexible foil (320) being arranged to cover a flexed part of the flexible display device (10).

10 9. A display device arrangement (1) as claimed in claim 9, wherein the flexible foil (320) comprises polydimethylsiloxane.

10. A display device arrangement (1) as claimed in any of the claims 5-9, wherein the opening comprises an airtight seal (430).

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11. A display device arrangement (1) as claimed in claim 10, wherein the inside of the container (200) has an internal pressure; and the container further comprises a valve (410) for maintaining the internal pressure, the valve comprising the getter material (420).

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12. A display device arrangement (1) as claimed in any of the claims 5-10, wherein the display device arrangement (1) is a part of an electronic device.

13. A container (100, 200) for storing a display device (10) comprising a component being degradable upon exposure to an environmental factor; the container (100) comprising protective means (120, 220, 320, 420) for reducing the exposure of the component to the environmental factor.

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14. A container (200) as claimed in claim 13, wherein:
30 the container (200) is arranged to store the display device (10) during an inactive period of the display device (10);

the container (200) comprises an opening for at least partially exposing the display device (10) during an active period of the display device (10); and the protective means comprise a getter material (220, 320, 420).